



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/696,255
Source: 11 FWD
Date Processed by STIC: 11/10/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/696,255

DATE: 11/10/2003

TIME: 10:42:59

Input Set : A:\D6454CIPSEQ.txt
 Output Set: N:\CRF4\11102003\J696255.raw

2 <110> APPLICANT: Kline, Kimberly
 3 Sanders, Bob G.
 4 Yu, Weiping
 6 <120> TITLE OF INVENTION: Mutant p53 Proteins And Uses Thereof
 8 <130> FILE REFERENCE: D6454CIP
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/696,255
 11 <141> CURRENT FILING DATE: 2003-10-29
 12 <150> PRIOR APPLICATION NUMBER: US 10/444,287
 13 <151> PRIOR FILING DATE: 2003-05-23
 15 <160> NUMBER OF SEQ ID NOS: 9

ERRORED SEQUENCES

173 <210> SEQ ID NO: 7 *-392 shown*
 174 <211> LENGTH: 393
 175 <212> TYPE: PRT
 176 <213> ORGANISM: Homo sapiens
 178 <220> FEATURE:
 180 <221> NAME/KEY: PEPTIDE
 181 <223> OTHER INFORMATION: wild-type p53
 183 <400> SEQUENCE: 7
 184 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser
 185 5 10 15
 186 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Ieu Pro Glu Asn Asn
 187 20 25 30
 188 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu
 189 35 40 45
 190 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro
 191 50 55 60
 192 Asp Glu Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro
 193 65 70 75
 194 Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser
 195 80 85 90
 196 Trp Pro Leu Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly
 197 95 100 105
 198 Ser Tyr Gly Phe Arg Leu Gly Phe Leu Ser Gly Thr Ala Lys *missing Amino Acid*
E--> 199 110 115 120
R--> 201 125 130 135
 202 Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val Asp Ser Thr
E--> 203 140 145 150
 204 Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys Gln

P. 1-4
Does Not Comply
Corrected Diskette Needed

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E--> 205 155 160 165
 206 Ser Gln His Met Thr Glu Val Val Arg Arg Cys Pro His His Glu
E--> 207 170 175 180
 208 Arg Cys Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu Ile
E--> 209 185 190 195
 210 Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn
E--> 211 200 205 210
 212 Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val
E--> 213 215 220 225
 214 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser
E--> 215 230 235 240
 216 Ser Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile
E--> 217 245 250 255
 218 Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe
E--> 219 260 265 270
 220 Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr Glu
E--> 221 275 280 285
 222 Glu Glu Asn Leu Arg Lys Lys Gly Glu Pro His His Glu Leu Pro
E--> 223 290 295 300
 224 Pro Gly Ser Thr Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser
E--> 225 305 310 315
 226 Pro Gln Pro Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu
E--> 227 320 325 330
 228 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe Arg Glu Leu Asn
E--> 229 335 340 345
 230 Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu Pro Gly
E--> 231 350 355 360
 232 Gly Ser Arg Ala His Ser Ser His Leu Lys Ser Lys Lys Gly Gln
E--> 233 365 370 375
 234 Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys Thr Glu Gly Pro
E--> 235 380 385 390
 236 Asp Ser Asp
E--> 237 393

239 <210> SEQ ID NO: 8
 240 <211> LENGTH: 359 *358 Shawn*
 241 <212> TYPE: PRT
 242 <213> ORGANISM: Homo sapiens
 244 <220> FEATURE:
 246 <221> NAME/KEY: PEPTIDE
 247 <223> OTHER INFORMATION: p53 double mutant (?126-132+?367-393)
 249 <400> SEQUENCE: 8
 250 Met Glu Glu Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu Ser
 251 5 10 15
 252 Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn
 253 20 25 30
 254 Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu
 255 35 40 45
 256 Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro
 257 50 55 60

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Input Set : A:\D6454CIPSEQ.txt
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258	Asp	Glu	Ala	Pro	Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Ala	Pro
259						65			70						75
260	Ala	Pro	Ala	Ala	Pro	Thr	Pro	Ala	Ala	Pro	Ala	Pro	Ser		
261						80			85						90
262	Trp	Pro	Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr	Gln	Gly
263						95			100						105
264	Ser	Tyr	Gly	Phe	Arg	Leu	Gly	Phe	Leu	Ser	Gly	Thr	Ala	Lys	
E--> 265				110					115					120	
E--> 266	266	Ser	Val	Thr	Cys	Thr	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys
E--> 267						125				130					135
E--> 268	268	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
E--> 269						140				145					150
E--> 270	270	Arg	Ala	Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met	Thr	Glu
E--> 271						155			160						165
E--> 272	272	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg	Cys	Ser	Asp	Ser	Asp
E--> 273						170			175						180
E--> 274	274	Leu	Ala	Pro	Pro	Gln	His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu
E--> 275						185			190						195
E--> 276	276	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe	Arg	His	Ser	Val
E--> 277						200			205						210
E--> 278	278	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Ile
E--> 279						215			220						225
E--> 280	280	His	Tyr	Asn	Tyr	Met	Cys	Asn	Ser	Ser	Cys	Met	Gly	Gly	Met
E--> 281						230			235						240
E--> 282	282	Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser
E--> 283						245			250						255
E--> 284	284	Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg	Val	Cys	Ala
E--> 285						260			265						270
E--> 286	286	Pro	Gly	Arg	Asp	Arg	Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg	Lys
E--> 287						275			280						285
E--> 288	288	Gly	Glu	Pro	His	His	Glu	Leu	Pro	Pro	Gly	Ser	Thr	Lys	Arg
E--> 289						290			295						300
E--> 290	290	Leu	Pro	Asn	Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys	Pro
E--> 291						305			310						315
E--> 292	292	Leu	Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu
E--> 293						320			325						330
E--> 294	294	Phe	Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu	Glu	Leu	Lys
E--> 295						335			340						345
E--> 296	296	Ala	Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg	Ala	His	Ser
E--> 297						350			355						359

*Amino Acid
Missing*

VERIFICATION SUMMARY DATE: 11/10/2003
PATENT APPLICATION: US/10/696,255 TIME: 10:43:00

Input Set : A:\D6454CIPSEQ.txt
Output Set: N:\CRF4\11102003\J696255.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:199 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
M:332 Repeated in SeqNo=7
L:237 M:252 E: No. of Seq. differs, <211> LENGTH:Input:393 Found:392 SEQ:7
L:265 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
M:332 Repeated in SeqNo=8
L:297 M:252 E: No. of Seq. differs, <211> LENGTH:Input:359 Found:358 SEQ:8